

Exhibitor Listings

ABB OY

Stand: 2098

Stand Representatives: Teemu Ronkainen, Stefan Taxer, Björn Larsson

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ABB's optimised e-drivetrain combines a motor, drive and vehicle control unit from B&R, the automation centre within ABB, to enable fully electric heavy special and commercial vehicles to transition to fully electric operation. ABB has launched an optimised e-drivetrain platform to help manufacturers of heavy-duty special and commercial vehicles make a smooth, fast-track transition from diesel to zero-emission electric operations. The complete e-drivetrain solution includes the key elements – motor, drive and vehicle control unit – harmonised for maximum performance, reliability and energy efficiency. ABB can work alongside vehicle OEMs to design a drivetrain that suits their specific applications.

ADDTECH AB

Stand: 2010

Stand Representatives: Tomas Pehrsson

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Addtech is a Swedish publicly listed industrial group consisting of 130 suppliers of high-tech solutions to the manufacturing and infrastructure sectors. Addtech is exhibiting with five daughter companies – Adigo, Caldaro, FB Chain, MCS and Sittab – who supply off-highway OEMs internationally with electrical drivelines, sensors, pedals, joysticks, seat accessories and leaf chain assemblies. These agile, entrepreneurial businesses add value by offering customised solutions with high availability – 'solutions that matter for machine efficiency'. They can team up when required, but even when working alone each business will share knowledge to deepen their collective understanding of customer needs.

ADIGO DRIVES AB

Stand: 2010

Stand Representatives: Krister Syrtén, Mika Willström, Peter Mayer, Christian Sunkler

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From trucks and construction machines to autonomous carriers equipped with drivelines and an HMI solution, if you require a complete electrical drive system with propulsion control or just a key component, Adigo Drives takes responsibility for the entire process including final tests and delivery. The company has its own design engineering, production and assembly and is good at delivering high-quality, serial-produced components in varying volumes to demanding customers. Adigo offers systems for a complete range of machines from electric motorcycles to heavy vehicles such as excavators and front loaders. To ensure the highest quality for its customers, Adigo is certified for ISO 9001, ISO 1400 and ISO IATF.

AGCO POWER INC

Stand: 4020

Stand Representatives: Alexander Duray, Jarno Ratia, Aarne Nyman

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Agco Power has been the trusted engine from generation to generation, for over 75 years. Although the company's name has changed from Valmet to Sisu Diesel and now Agco Power, its engines have remained synonymous with strength and reliability. The company's customer focus and flexible customisation ensure a smooth installation and reduce the number of compromises required by the OEM. Headquartered in Nokia, Finland, Agco Power's four global manufacturing sites and technology cover all off-road emission requirements and ensure that no matter where you operate, Agco can power you.

ALTRA INDUSTRIAL MOTION

Stand: 2068

Stand Representatives: Mourade Vaneckhoutte, Ralf Beilke, Eric Colombani, Klaas Van Dijk, Marie Kerdoncuff

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With industry-leading brand names, including Stromag, Warner Linear, Guardian Couplings, Warner Electric, Stieber, Wichita Clutch and Twiflex, Altra is positioned to provide OEMs with exceptional drivetrain value by ensuring component compatibility and optimised performance combined with time-saving, single-source convenience. Major OEMs routinely rely on the vast mobile power equipment application knowledge of Altra's engineering teams, who collaborate to thoroughly analyse specific customer applications and then apply the latest technologies in design, materials and manufacturing. Whether a modified standard product or a customised solution is required, Altra provides complete sales and engineering support to customers.

ATE ANTRIEBSTECHNIK UND ENTWICKLUNGS GMBH & CO KG

Stand: 5085

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As one of the leading manufacturers worldwide, ATE develops and manufactures special electric drives for a multitude of industries. Its team of specialists and decades of experience are the main reasons for customers choosing ATE. The core of the company's success is the development of drives for almost every imaginable and unimaginable application. Therefore there is a vast bank of required know-how and tools available inside ATE. This allows the company to offer fast, outcome-orientated solutions, already discussed during the development stage.

ATECH GMBH

Stand: 4022

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Atech is one of the leading companies in the development and finishing of components and motion technology for battery-electric-powered industrial vehicles, ground support equipment (GSE), the windmill business and many other fields. The company has been established for more than 25 years in this growing market, and is internationally approved as a qualified business partner. Its know-how ensures customer business success. This success results mostly from Atech's close cooperation with the Zapi Group. Zapi, in Poviglio (Reggio Emilia), Italy, is a leading company worldwide in designing and producing controllers for battery-operated vehicles.

ATLANTEX MANUFACTURING CORPORATION

Stand: 4055

Stand Representatives: Michael E Ford,

Michael A Ford, Andrew Ford

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Atlantex Manufacturing Corporation is a US manufacturer of high-temperature and abrasion-resistant systems protection solutions. These solutions protect all types of critical lines – including hoses, wires, cables, tubes and sensors – from premature wear and failure caused by high heat, flame, mechanical wear and cut-through. Their high performance and long-lasting construction make them ideal for industrial vehicle, heavy equipment, power generation, foundry, MRO and OEM applications.

ATP ADHESIVE SYSTEMS AG

Stand: 3055

Stand Representatives: Gerhard Fuchs

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ATP is an innovative, independent company that operates internationally and produces single- and double-sided adhesive tapes and films. It develops products for specific client applications in industry and the trades. For many years now, ATP has been a strong partner to companies in a variety of industries including the plastics, automotive, aerospace, medical, hygiene, construction and electronics industries. Its adhesive systems create permanent bonding so that things that belong together stay together. With their low-VOC, solvent-free, APEO-free, flame-resistant and highly transparent pressure-sensitive adhesives and a large number of support materials, the team at ATP set new standards in adhesive systems.

B-PLUS GMBH

Stand: 5090

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Web: www.b-plus.com

b-plus is a specialist in the development and integration of electronic systems and components. Driver assistance systems (ADAS) in the automotive industry and the automation of mobile machines are among the company's core skills. Teams in Deggendorf, Lindau and Regensburg ensure maximum reliability in the future-orientated environment. The company relies on 20 years of industry experience and its engineers' expertise in hardware and system development. Its field of expertise also includes the development of vehicle safety-critical systems. As a member of various committees, b-plus is working on trend technologies that focus on communication.

AVID TECHNOLOGY LIMITED

Stand: 2005

Stand Representatives: Ryan Maughan, Iain Young, Paul Middlemiss

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Avid is a leader in the design and manufacture of electrified powertrain components and systems for heavy-duty and high-performance electric (EV) and hybrid vehicles (HEV). Its core competencies are the design, validation and manufacture of high-performance electric motors; power electronics; and thermofluids integration. Avid manufactures a range of electrified powertrain components including electric pumps and fans, battery systems, traction motors and power electronics used in electric and hybrid vehicles. The company also has full systems integration and control expertise, allowing Avid to rapidly develop complete EV, PHEV and MHEV powertrain solutions.

BLACHFORD UK LTD

Stand: 3010

Stand Representatives: Patrick Thompson, Jason Lippitt, Ken Kendall, Mick Cottam, Roy Mitchell

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Blachford UK (BUK), formerly TMat, has been a developer and supplier of acoustic trim to industrial vehicle OEMs for more than 30 years. The firm began with die-cut acoustic composites in the 1980s, and pioneered moulded polyurethane elastomer floor mats very soon after. Providing acoustic solutions for cab and vehicle, primarily from polyurethane, continues to be the company's focus. Proud to be part of Blachford Acoustics Group since 2014, BUK will be exhibiting current production capabilities alongside future technology developments for temperature as well as noise reduction. Key technical personnel, chemists and acousticians will be in attendance, together with BUK's sales team.

CADSHARE

Stand: 2093

Stand Representatives: Chris Acheson, Patrick Keenan, Neil Montgomery, Carol Moffett

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Remove the pain of authoring, maintaining and publishing spare parts manuals. CADshare provides an integrated environment for authoring digital and traditional spare parts manuals, making it simple to create accurate and engaging publications that are easy to maintain. With full support for kits, options, serial breaks and superseded parts, you can be sure your customers get access to the right data every time via an intuitive and engaging ordering experience that increases parts sales and truly differentiates your customer service from the crowd. CADshare includes a rich and flexible ordering system that fits how you want to do business.

CALDARO AB

Stand: 2010

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Caldaro produces and supplies premium joysticks, grips, pedals and sensors to market-leading OEMs with high quality standards in more than 40 countries. Caldaro offers a wide product portfolio based on a modular design that allows easy adaptation of the products to suit almost any need. Furthermore, Caldaro has a wealth of experience and knowledge gained from numerous development projects to meet the specific requirements and design language of demanding machine producers. Caldaro knows how to design customised products to meet any requirements with a clever and sophisticated design.

CANTRONIK

Stand: 2075

Stand Representatives: James Cope, Nick Smart

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CANtronik manufacture CANbus HMI displays and gauges and supplies them to OEMs worldwide. Ruggedised for the needs of off-highway vehicles and industrial equipment, the screens range in size from 2.3in to 7in and have analogue and digital input options to support sensors and senders. With internal storage and datalogging capability, the displays support IoT/telematics for remote monitoring of machinery. CANtronik's in-house engineers can develop bespoke software applications, or customers can choose to self-build via the SDK with CANopen and J1939 libraries. Alternatively, the company's 'off the shelf' engine monitoring software can be tailored to meet individual needs.

COBO SPA

Stand: 5045

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Cobo is a worldwide leader in the design, development and supply of global solutions for the off-highway vehicle market. Cobo's headquarters is in the province of Brescia in Italy. The company has 11 manufacturing business units (seven in Italy and four abroad: USA, Brazil, Romania and China), and five commercial and field service offices (Germany, France, Hong Kong, Australia and India) with about 1,400 employees worldwide. Its product range includes lighting, displays, electric products and wire harnesses, seats, sensors, steering wheels and columns, switches and keypads, and electronic controller systems.

DENSO MARSTON LTD

Stand: 4010

Stand Representatives: Jens Ottleslev

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Denso Marston will showcase its high-performance, high-durability Tracpak aluminium heat exchangers and modules. The company's latest-generation products on display will include: modular tube fin coolant radiators, available in multiple core configurations in standard and heavy-duty constructions; ITALIC heavy-duty tube fin charge air coolers; oil coolers, including next-generation flexible-geometry products; and multi-flow condensers with integrated receiver drier options. In addition, Denso Marston's team will be on hand to discuss alternative thermal management systems including liquid cooling, distributed cooling systems and waste heat recovery, aimed at improving fuel economy and reducing greenhouse gas emissions.

DEUTZ AG

Stand: 2060

Stand Representatives: Thomas Brehmer, Fabian Mähling, Dr Ralf Plieninger

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Deutz is synonymous with pioneering spirit, passion and innovation culture. As an independent provider of diesel, gas and electric drivetrains in the power range from 19 to 620kW, the company is developing technologies today for the demands of tomorrow. It is a pioneer in high-quality, environmentally friendly and efficient drives for industrial and agricultural equipment and commercial vehicle applications. In a world characterised by increasing complexity due to sophisticated emission limit values, Deutz supports customers with in-depth expertise in system integration and exhaust gas after-treatment. With its first-class services, Deutz ensures maximum availability – worldwide and at any time.

DIABATIX NV

Stand: 5000

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Diabatix is an engineering company that expertly guides you through the design process of your next-generation cooling systems. Whether it concerns liquid- or air-cooled heat sinks, the company can customise a solution that fits your specific needs. It has developed state-of-the-art artificial intelligence technology that can autonomously design a thermal management solution to make your electric vehicles up to 30% more efficient. This makes Diabatix the ultimate partner to companies who are serious about innovation and making their vehicles future-proof. Come and visit Stand 5000 to learn more about how artificial intelligence is redefining the very essence of thermal design.

DIS SENSORS

Stand: 1088

Stand Representatives: Pim Wieske, Marius van Andel, Sophia Xiong

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Over the course of 30 years, DIS Sensors has built up a reputation in the field of high-quality sensor technology. The company develops, produces and sells sensors for various applications. It values innovation and know-how above all else. The result: high-quality products and solutions from DIS Sensors that serve the global market. The company offers a wide range of sensors for measuring inclination, vibration and acceleration, as well as rotary encoders. In addition to parts, it can offer complete solutions including the design and production of mechanical and control systems. DIS makes sense.

DTC GMBH NAVIGATION & SECURITY SOLUTIONS

Stand: 3060

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With over 10 years of experience in the areas of ADAS testing, vehicle dynamics and autonomous driving, the company is the right partner for you when it comes to system solutions for your development and test tasks. It distributes high-precision inertial + GNSS sensors and offers customers products for Euro NCAP Testing, such as its AVAD3 for visual and audible alarm detection, as well as crash-proof mountings for measuring technology in the vehicle.

DYNASET OY - POWERED BY HYDRAULICS

Stand: 1020

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Dynaset is a leading global manufacturer of hydraulic generators, power washers and compressors. Dynaset hydraulic equipment converts the engine and hydraulic power of a mobile machine into electricity, high-pressure water, compressed air, magnetic power and vibration. The company's products are used for hundreds of applications in various industries all around the world.

EAO GMBH

Stand: 5040

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EAO, a Swiss, family-owned company founded in 1947, has developed into one of the world's leading manufacturers of high-quality industrial switches, complete custom HMI panels and interface systems, and specialised automotive switch systems. With over 600 dedicated employees, EAO has a global production and distribution network at its disposal. EAO has production sites in Switzerland, Germany, North America and China, as well as 10 wholly owned international sales companies and distributors in over 50 countries, so it can guarantee global availability – around the world, around the clock.

EAS BATTERIES GMBH

Stand: 4035

Stand Representatives: Chris Wachholz

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EAS is an established and specialised German lithium-ion cell and battery manufacturer with more than 20 years' experience. EAS, as part of the Monbat Group, offers off-the-shelf heavy-duty, very safe, high-power and high-energy lithium-ion cells up to 55Ah (LFP) as well as a modular battery solution based on 3kWh/18 kW continuous/60kW peak DNV GL and EN62619-certified modules up to 1,000V and beyond.

EBCO RUBBER LTD

Stand: 4040

Stand Representatives: Jane Walter

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Ebco is a global supplier of engineered rubber products. The company specialises in vibration isolators, extruded seals, floor mats, hoses and other custom rubber parts. It offers a wide range of technical services, including static and dynamic physical testing, component and system simulation, and material composition analysis. Beyond its extensive catalogue of off-the-shelf products, Ebco excels in working with customers to design, develop and produce customised, cost-effective moulded and extruded solutions. Ebco has been serving OEMs in the commercial vehicle, agricultural, construction, turf care, materials handling and power generation industries for more than 65 years.

EBV ELEKTRONIK GMBH & CO KG

Stand: 2055

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EBV Elektronik, an Avnet (NYSE: AVT) company, was founded in 1969 and is a leading specialist in EMEA semiconductor distribution. EBV maintains its successful strategy of personal commitment to customers and excellent services. Two hundred and forty technical sales specialists provide a strong focus on a select group of long-term manufacturing partners. One hundred and five trained application specialists offer extensive application know-how and design expertise. Warehouse operations, logistics solutions and value-added services such as programming, taping and reeling, and laser marking are fulfilled by Avnet Logistics, EBV's logistical backbone and Europe's largest service centre. EBV operates from 62 offices in 28 countries throughout EMEA.

ELEKTROBIT AUTOMOTIVE GMBH

Stand: 1015

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Planes, trains, boats, factory equipment, industry tools – they all offer interfaces for humans to interact with. But creating and updating such interfaces in a constantly moving environment is not an easy task, especially when safety is involved. Thanks to its 30-year expertise in the automotive industry, Elektrobit offers a unique set of products as part of its EB GUIDE to develop HMIs in an easy way. Visit Stand 1015 to see EB GUIDE at work, and join Dr Christian Stellhorn for his talk about multimodal HMI development and how the growing trend for voice is impacting the industrial vehicle.

EPEC OY

Stand: 6060

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Control solutions for mobile machinery: Epec helps customers design and manufacture efficient, safe and environmentally friendly mobile machines that enable machine users to maximise their productivity. The company is a solutions provider specialising in embedded control systems, information logistics systems for mobile machines, and information systems for communicating with machines. Epec has experience with control systems for challenging conditions and is able to offer a total solution, from control units to project services and design.

FB CHAIN LTD

Stand: 2010

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FB Chain consultants will be on hand to discuss the company's time- and money-saving leaf chain assembly kits. Ease of assembly is vital to ensuring the optimum specification. FB Chain's customised kits include the chain already cut to length, anchor bolts attached, and the accompanying pulley, which can be mounted directly onto a telehandler, forklift or MEWP from the pallet. Test certificates are issued for each product, and clearly marked tracking/batch numbers allow these to be traced back to the raw materials. Rust-preventive coatings and self-lubricating pulleys provide easy maintenance for end users. Short lead times and just-in-time delivery are guaranteed.

FLURO-GELENKLAGER GMBH

Stand: 1084

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Fluro has its own facilities for the development and manufacturing of spherical plain bearings and rod ends, and offers a full range of moving and connecting applications for commercial vehicles. Based on a long and ample experience, Fluro is a specialist in the entire moving and technical vehicle structure and is able to offer custom-designed products and custom-made solutions. Its products are applicable mainly in suspension systems and all loading, closing and tilting functions in commercial vehicles. In turbochargers and exhaust gas return mechanisms, the firm's high-performance bearings and rod ends achieve a temperature resistance of 800°C.

FORTACO GROUP OY

Stand: 4025

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Fortaco is a leading brand-independent strategic partner to the heavy off-highway equipment and marine industries, offering technology, vehicle cabins, steel fabrications and vehicle assemblies. Fortaco has operations in multiple European business sites and technology hubs, which support its global customers. Fortaco supports its customers in the various stages of the product lifetime. It researches state-of-the-art manufacturing techniques to support its customers with product concepts, design and manufacturing skills. Fortaco has 40 years' experience in the off-highway industry. Its team consists of professionals ranging from industrial designers, and mechanical and electrical engineers, to FEM analysts and prototype manufacturing professionals.

HOTTINGER BALDWIN MESSTECHNIK GMBH

Stand: 2095

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HBM Prensca offers a range of solutions for engineers to efficiently transform data into decisions. HBM Prensca is a global leader in providing technology and engineering software products and services for reliability, durability and performance. The company offers a broad range of engineering solutions that deliver compelling value to customers in the design and development of reliable, robust products, along with reduction in lifecycle costs. By offering a range of industry-leading software (nCode and ReliaSoft) and services, HBM Prensca enables companies to enhance returns on investment and operational success through design and certification, optimised processes, data management and processing, and CAE.

HYDROLINE OY

Stand: 3080

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Hydroline designs and manufactures durable, heavy-duty hydraulic cylinders and offers lifecycle services to them. The company was founded in 1962 in Kuopio, Finland and today it is a market leader in the Finnish industry. Hydroline's newest innovation, LEO, is the world's first intelligent solution for data gathering and analysing, and predictive maintenance for hydraulic cylinders. The solution collects and analyses data from cylinders and also calculates the remaining lifetime for cylinders. LEO brings added value for the machines as the solution helps to plan the maintenance more carefully and in advance. LEO helps customers save money and time.

I.M.M. HYDRAULICS SPA

Stand: 3051

Stand Representatives: Paolo Mellano, Jimmy Schmidt

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Since 1987, I.M.M. Hydraulics has been a benchmark among the manufacturers of fluid connection systems. An international reality was created from the innovative ideas of a group of professionals in a sector that has grown and evolved over more than 30 years of intense and profitable entrepreneurial business. Part of the Interpump Group, I.M.M. Hydraulics is able to call on wider expertise when needed. The company is a one-source provider of certified, compatible hydraulic hoses, fittings, machines and accessories.

IDTECHEX

Stand: 1030

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IDTechEx offers independent market research, business intelligence and events related to emerging technologies to companies across the value chain, helping them make essential strategic business decisions. Experienced business and technology experts provide an international perspective on 3D printing, advanced materials, electric vehicles, photonics, energy storage, Internet of Things, life sciences, off-grid, printed electronics, RFID, robotics, sensors and wearable technology.

IFM ELECTRONIC GMBH

Stand: 5078

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When it comes to pioneering automation technology, the IFM group is the ideal partner. Since its foundation in 1969, IFM has developed, produced and sold sensors, controllers and systems for industrial automation worldwide. Today the IFM group has about 6,700 employees in 70 countries, and is a worldwide industry leader. IFM combines the internationality and innovative strength of a growing group of companies with the flexibility and close customer contact of a medium-size company.

INDUSTRIAL VEHICLE TECHNOLOGY EXPO

Stand: 4001

Stand Representatives: Ram Seira, Damien de Roche

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iVT Expo is a new, highly focused event for those who design, manufacture or specify construction, agricultural and off-highway vehicles. Featuring four specialised pay-to-attend conferences that address the critical issues shaping future industrial vehicle development, and a free-to-attend exhibition showcasing the latest components and technology, iVT Expo offers exclusive insights into how best to reduce emissions, increase electrification, improve operator safety and comfort, and boost vehicle autonomy and efficiency – all under one roof. The free-to-attend exhibition, which is closed to the public, provides a compact, hassle-free environment tailor made for serious discussion and business, without any of the logistics issues that go with very big events. The four pay-to-attend conferences – Autonomous Industrial Vehicle Technology, Electric & Hybrid Industrial Vehicle Technology, Industrial Vehicle Powertrain Technology and Industrial Vehicle Cab Design & Technology – bring together industry experts from across the globe to address the critical trends shaping future vehicle development. With so many important OEM thought leaders in one place, iVT Expo offers the perfect opportunity to make new contacts, source new ideas and discover the latest components and technologies. Next year's show, iVT Expo 2020, takes place 24-25 June in Cologne, Germany. Visit www.ivtexpo.com for further updates and to register for your free entry badge.

INDUSTRIAL VEHICLE TECHNOLOGY INTERNATIONAL

Stand: 4001

Stand Representatives: Kevin Barrett

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Distributed and read worldwide, the iVT International magazine series and its associated

digital media platforms are the most widely respected channels of communication for the off-highway vehicle industry. Over its 25-year history, iVT has become the world's leading promotional platform for the companies providing the technology, components and systems to the OEMs manufacturing off-highway, heavy-duty industrial vehicles for sectors such as construction, earthmoving, agriculture, mining, materials handling and forestry. iVT provides a forum for ongoing debate concerning the various and ever-changing challenges facing the industry, as well as for the development of fresh design ideas. The level of expertise in its readers and contributors – who include CEOs, directors, senior managers, engineers, designers, team/project leaders and equipment buyers working at industrial vehicle OEMs all around the globe – is unrivalled.

INFINEON TECHNOLOGIES AG

Stand: 2055

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Infineon is one of the few semiconductor manufacturers for automotive applications that covers the most important applications in vehicles. The company's broad product portfolio includes: microcontrollers; intelligent sensors; transmit and receive ICs for radio-frequency applications; radar; and discrete and integrated power semiconductors: powertrain, chassis and comfort electronics; as well as driving safety applications. Infineon's development strategy focuses on the integration of functionality, excellent price-performance ratio, reduced fuel consumption and improved safety and performance. Coupled with a high level of quality, the comprehensive range of products has made Infineon a preferred partner to its customers for over 40 years.

INMOTION TECHNOLOGIES AB

Stand: 4022

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Inmotion is a global supplier of electric motors, motor controllers and auxiliary equipment for the industrial vehicle industry. Customers are electric and hybrid vehicle OEMs who have high requirements for quality and reliability, on-time delivery, cost efficiency and optimal integration into the target vehicle. To date, the company has supplied several million inverters to vehicle customers around the world. With its extensive experience from large-scale production of both high- and low-voltage products for vehicles, spanning from golf carts and forklift trucks to city buses and construction equipment, Inmotion is the natural choice that OEMs are looking for.

ISOFORM NV

Stand: 5048

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Isoform produces cabin interior and insulation parts. The interior parts are produced through thermocompression using polyester, glass and cotton fibres as carrier materials; woven and non-woven materials are used for the finishing side. Economic open edges or high-end wrapped edges are both possibilities. The company's recent developments include one-shot soft-touch finishing and the use of high-rigidity natural wooden fibres as carrier material. For the cabin interior parts, the company uses a variety of foams and glass fibres that are cut, assembled and finished according to customers' individual needs.

J.W. SPEAKER CORPORATION

Stand: 4060

Stand Representatives: Gary Durian, Tim Speaker, Robert Johnstone, Tilman Linn, Alex Fuhr

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J.W. Speaker is a technology company with a deep scientific understanding of light. The company knows how to apply this science – better than anyone else in the world – to make industrial vehicles safer. It views industrial vehicle lighting from the perspective that matters most. Its designers and engineers develop next-generation lighting solutions that take into consideration user safety, operational efficiencies and driver comfort. J.W. Speaker stands alone at the intersection of science and design when it comes to industrial vehicle lighting.

KAB SEATING LTD

Stand: 3005

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KAB Seating is your complete seating solution for construction, agriculture and materials handling applications. The company has been a market leader in construction for the last 50 years. Its robust seat suspensions stand the test of time and have been fitted into construction machines worldwide. KAB is proud to showcase its latest-generation vehicle seat, Sciox, at iVT Expo. The Sciox is the company's modular seat platform, offering a range of improved features including a three-phase heat and ventilation feature and improved operator presence sensor for better operator safety.

KONTINUA SYSTEMS GMBH

Stand: 1080

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Kontinua Systems is a product and services provider for mobile applications. On the product side, the company focuses on power electronics and CAN communication solutions. With its advanced power control modules and battery cut-off switches, it is supporting several major OEMs and Tier 1 suppliers. Its PCM hardware finally rids electric systems of relays and fuses and makes projects more flexible and reliable. All products are available for 12V and 24V applications. On the services side, the company offers product applications such as harnesses or ECU bracket buildup, and supports customers with system integration and systems engineering.

LINAK US INC

Stand: 2045

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Linak provides innovative actuation solutions that improve people's quality of life and working environment. Durability and reliability are the main concerns when operating heavy-duty construction machinery. Materials and applications need to be able to work relentlessly through extremely harsh working environments, and staff must be kept safe at all times. Using Linak's well-proven electric actuator solutions, you will be able to offer: safe and thoroughly tested solutions, improved ergonomics with intelligent actuators, and low-cost and maintenance-free solutions that are easy to install. Meet Linak on its stand and get inspired.

MOBILE CONTROL SYSTEMS SA

Stand: 2010

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MCS, one of the leading electronic throttle manufacturers, will present its range of drive-by-wire and brake-by-wire pedals, available in analogue, digital and CAN configurations. MCS electronic pedals, hand throttles and throttle position sensors are used in on/off-highway vehicles worldwide. With headquarters in Belgium, MCS also has manufacturing facilities in China and North America. MCS products are available worldwide through the company's distribution network.

NAF NEUNKIRCHENER ACHSENFABRIK AG

Stand: 2025

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NAF has been developing and producing axles and gearboxes for self-propelled forestry, construction and agriculture machines in Neunkirchen, Germany, since 1960. Its range of products includes planetary drives, gearboxes, differentials, planetary rigid and steering axles, portal bogie axles and planetary bogie axles. The firm's latest innovations are a bogie axle with up to 50 tons payload for ADTs and power rated up to 350hp for motor graders, and NAF's DualSync gearbox, which offers CVT functionality over the entire speed range.

NBB CONTROLS + COMPONENTS GMBH

Stand: 3000

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NBB provides radio control systems, cable control systems and infrared control systems. Its products are flexibly designed complete solutions for construction technology, mobile hydraulic systems, industrial engineering, forestry and municipal service equipment, IECEx/ATEX and special applications. NBB is represented in the most important markets throughout the world and covers the entire range of applications for professional radio control systems. According to the Quality Made in Germany principle, NBB only develops and produces in Germany in compliance with the strictest safety standards, and therefore makes an essential contribution to conformity and efficiency for its international customers.

OTTO

Stand: 5010

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Otto designs and manufactures precision switches, grips, joysticks, operator control modules and custom solutions for the most demanding applications, including a broad range of standard and unique products from traditional snap-action switches to Hall effect technology, USB, PWM, CANopen and J1939 communication protocols. Otto has been in business for over 55 years, and its products perform in some of the toughest industries including construction, agriculture, military, aerospace, material handling and healthcare. The company is ISO 9001, ISO 14001 and AS9100 registered, A2LA accredited to ISO/IEC 17025, and TL 9000 and QS 9000 compliant – maintaining the highest quality standards.

PI INNOVO

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Pi Innovo's OpenECU module family is ideal for rapid controls prototyping and low- to medium-volume production for all aspects of vehicle control. The MATLAB/Simulink ISO 26262 compatible software development toolchain makes it particularly easy to implement complex model-based controls. Applications such as EV supervisory control can be implemented quickly for 12V and 24V systems using the M560/M580 OpenECU controllers.

POCLAIN HYDRAULICS INDUSTRIE

Stand: 5075

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Poclain Hydraulics is an independent family company, specialising in the design, manufacture and marketing of hydrostatic transmissions. The company's world-leading expertise in hydrostatic transmission enables it to operate in highly diversified markets, such as agriculture, building and construction, material handling, the industrial and highways-related sectors, the environment and many others. Poclain Hydraulics offers innovative on-road solutions through hydraulic hybridisation for sustainable mobility. The company's hydraulic solutions enhance performance, fuel savings and emissions reduction. Its product ranges and solutions are built around cutting-edge technology and high added-value components, developed with the knowledge and expertise that Poclain Hydraulics has acquired through external growth.

RIMA SPA

Stand: 6070

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Rima is specialised in the manufacture of quality components for a wide range of industrial vehicles. With over 40 years of expertise in designing and manufacturing products for various industries, its slew rings, turntable bearings, hydraulic cylinders and stabilisers have been chosen by the most renowned OEM manufacturers. Whether it's steering, lifting or moving, Rima can assist you in finding the best solution for your machine technology.

RÖGELBERG GETRIEBE GMBH & CO KG

Stand: 4005

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Rögelberg Getriebe manufactures customised/special gearboxes such as spur gearboxes, bevel gearboxes, bevel spur gearboxes, planetary gearboxes, speed-change gearboxes and driving axles. The company's speciality is the design and production of gearboxes that offer the best solution for customers' applications. At iVT, Rögelberg Getriebe will show a summation gearbox where two 140kW electric engines are attached for a fully electric truck. Furthermore it will be showcasing a driving axle with an integrated electric engine. This driving axle is especially designed for electric vehicles, e.g. forklift trucks.

SENSOR-TECHNIK WIEDEMANN GMBH (STW)

Stand: 2035

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As an international company, STW has stood for digitisation, automation and electrification of mobile machines for over 30 years. With generic or customer-specific products and solutions, developed and manufactured at STW's headquarters in Germany, the company supports customers with innovative technology on their way to making their machines the best in the world. Supplemented by partner products and accompanied by its training, support and system teams, STW helps medium-size companies and large OEMs improve the performance of their machines and increase safety. Through connectivity, use of its cloud platform and additional partner services, STW integrates mobile machines into business processes.

SITTAB AB

Stand: 2010

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Flexible and robust ergonomic designs are the guidelines for Sittab's seat accessories. Utilising experience gained from the complexity and rough conditions found in forestry machines, Sittab has developed a range of products suitable for, and well received by, all sectors within off-road cab design. The philosophy behind Sittab products is a unique combination of being user friendly and at the same time conforming to very complex requirements. Working with all major seat manufacturers gives Sittab the opportunity to participate in many exciting cab developments where high-spec options are in focus.

SONTHEIM INDUSTRIE ELEKTRONIK GMBH

Stand: 4050

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Sontheim Industrie Elektronik has provided progressive diagnostic, telematics and controlling solutions for industrial vehicles for more than 20 years. Have a look at its brand-new products, such as the MDT 2.0 modular diagnostic tool based on the OTX and ODX standard and a multi-platform support, or the telematics modules of the COMhawk xt series for high-end connectivity and data management that includes safe and easy access to the Sontheim cloud portal. The company also offers its eSys-SVCx safety controller series, with Autosar software, 4x CAN channels and up to 89x IOs, and performance level ASIL-C.

STROMAG GMBH

Stand: 2068

Stand Representatives: Mourade

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Web: www.stromag.com

With a focus on engineering for efficiency, Stromag couplings, friction discs, clutches and brakes provide reliable power transmission functionality on a wide range of mobile equipment drive applications. Founded in 1932, Stromag has grown to become a globally recognised leader in the development and manufacture of innovative power transmission components for industrial drivetrain applications. Stromag engineers utilise the latest design technologies and materials to provide creative, energy-efficient solutions that meet customers' most challenging requirements.

THERMAMAX HOCHTEMPERATUR DÄMMUNGEN GMBH

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Thermamax designs and manufactures thermal and acoustic insulation systems for engine compartments and exhaust lines for diesel and gasoline engines, fuel cells and electric drive systems. Thermamax supplies complete systems for low-volume requirements from concept, detailed design and prototypes, through to series production. In 2018, Thermamax developed a high-temperature-resistant battery housing for lithium-ion systems. In the event of a failure, lithium-ion batteries can reach temperatures of more than 1,000°C. This overheating can lead to fire. Secure casing of these high-performance batteries helps keep temperature under control and ensures safety for people and machines.

TIMOTION EUROPE

Stand: 4030

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TiMOTION Europe produces electric linear actuator solutions to create precise movement in a wide variety of industrial applications. It also offers several types of intuitive hand controls for easy control. The actuators can be customised to meet customers' needs, even in the most extreme conditions. Experience how TiMOTION's technology improves modern vehicles in construction, material handling and agriculture. Come and visit TiMOTION at Stand 4030, or contact the sales team at sales.eu@timotion.com for more information. Explore the future of electric actuator systems and also discover TiMOTION's range of electric columns.

TOPCON

Stand: 2065

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Topcon Electronics is one of the global market leaders in the development and production of operator consoles for mobile machinery. Topcon Electronics (formerly Wachendorff Elektronik) is inextricably linked with the world's first electronic operating concept for agriculture; it developed this back in 1998. Since then, the company has been optimising its successful core product and is now known throughout the world for its innovation and quality standards. Simply put, Topcon Electronics provides brilliant displays equipped with the latest technologies that create a perfect interface between man and machine.

TTCONTROL GMBH

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TTControl, a joint venture company of TTTech and Hydac International, offers control systems and operator interfaces for mobile machinery and off-highway vehicles. As a leader in functional safety, TTControl's software and hardware platforms enable equipment manufacturers to develop highly reliable electronic control systems quickly and economically.

VITALO INDUSTRIES NV

Stand: 3015

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Vitalo is one of the world's leading manufacturers of plastic systems and components. Building on more than 80 years' experience, the company has developed a wide ranging expertise in plastics processing technologies, including thin- and thick-gauge thermoforming, insulation materials processing and thermocompression of natural and synthetic fibres. This enables Vitalo to service and focus on various markets, including electronics, medical and industrial applications, home comfort and mass transport. To keep up with the latest trends and innovations, Vitalo continually invests in research and development to provide its customers with the best-possible solutions.

VOESTALPINE KREMS GMBH

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Development and component manufacturing for safety cabs is one of the areas in which Voestalpine Krems focuses its know-how. Leading international manufacturers of forklifts, tractors, agricultural machinery, construction machinery and speciality vehicles trust Voestalpine Krems' solutions. The company goes one step further for clients' tubes and sections. As an experienced partner in producing ready-to-install components, Voestalpine Krems offers extensive pre-processing technologies from processing and forming to finishing and refining. Clients receive ready-to-install components upon request, which they can use to optimise their production processes and costs. Thanks to tri-modal connection at the Krems site, the company can deliver via rail, sea or lorry.

VOSS FLUID GMBH

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Voss Fluid is a leading international provider of fluid technology. The company is based in Wipperfurth and is part of Voss Holding. Its product range covers pre-assembled tube geometries; prefabricated hose lines, tube and flange couplings; hose fittings; and useful accessories for stationary and mobile hydraulics. As a development and system partner in international mechanical engineering, for Voss Fluid the focus is on application-specific system solutions. Voss Fluid offers customers everything from one source, from project planning and engineering to production, assembly and cost-effective logistics services.

WALVOIL SPA

Stand: 3050

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Offering a wide range of hydraulic products and mechatronic systems, Walvoil will attend iVT Expo with its main solutions for mobile applications. The company, a member of the Interpump Group, and in business for more than 45 years, offers its latest system proposals in the areas of: human interface (handle/joystick and electronic control unit), power supply, flow distribution and control. Each Walvoil system proposal combines new technologies, increasing efficiency and reliability and never forgetting sustainability. To learn more about Walvoil's attitude to customisation and its complete range of brands and products, visit the company's stand.

WARNER ELECTRIC SA

Stand: 2068

Stand Representatives: Mourade

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Warner Electric clutches and brakes provide reliable engagement/disengagement and stopping functionality on a wide range of mobile equipment drive applications. Founded in 1927, Warner Electric has grown to become a global leader in the development of innovative electromagnetic clutch and brake solutions. Warner Electric engineers utilise the latest materials and manufacturing technologies to design long-life, easy-to-use clutches and brakes that provide improved accuracy and repeatability. Warner Electric offers the broadest selection of clutches, brakes and controls available from a single manufacturer.

WARNER LINEAR

Stand: 2068

Stand Representatives: Mourade

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Warner Linear's rugged-duty actuators are used for a broad range of mobile power equipment applications, including combines, forage harvesters, balers, agricultural sprayers, street sweepers, front loaders, snow ploughs and salt spreaders. B-Track, H-Track and M-Track actuators provide years of dependable service in these challenging applications.

WÜRTH ELEKTRONIK ICS GMBH & CO KG

Stand: 3020

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Würth Elektronik ICS specialises in the development and production of electronic and electromechanical system solutions for signal and power distribution, control of functions, and display and operating solutions. In addition to manufacturers of commercial vehicles, construction and agricultural machinery, and special and electric vehicles, the company has customers in the industrial sector. Whether for central electrical units, power boxes, controls, HMI systems, power elements or the connection technology SKEDD; whether the solutions are standardised or customer specific; whether they involve simple components or complete systems, Würth Elektronik ICS consults and accompanies you from the idea to the start of serial production.

YMER TECHNOLOGY GMBH

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Ymer presents new cooling solutions for more fuel-efficient, hybrid and electric off-highway machines. As an expert and partner for OEMs, Ymer is developing a modular and scalable thermo management system for electric machines, which combines all the heating and cooling requirements of those machines. This system will thermally manage the battery, the cooling of all electrical and driveline components (drive motor, power electronics, etc.), hydraulics if needed, and the cabin. The company is focusing on electrical energy saving by using waste heat and reducing the operation time of components like electrical heaters and electrical compressors.

ZAPI GROUP

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Although electronic controllers represent Zapi's core business, the Zapi Group also includes other dedicated companies such as Zivan (specialising in high-frequency battery chargers), ZTP (joysticks and dataloggers), Best Motor (electric motors) and Schabmüller, a major German motor manufacturer. A further growth of the Zapi Group's family took place in 2014 with the acquisition of Inmotion (formerly Kollmorgen EVS) and its facilities in the USA for the production and assembly of electric motors and electronic inverters, and in Sweden with a special focus on high- and low-voltage inverters for hybrids and low-voltage inverters for material handling applications.

ZGS MOBILE STRASSEN

Stand: 2070

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ZGS Mobile Strassen develops and produces products such as mobile construction roads – all state-of-the-art systems with unique features. Temporary access roadways as soil protection elements are the company's speciality. No matter which project you are planning, ZGS's products make temporary roads, access roadways and mobile construction roads quick and easy to build. If you need a quick and easy road for your projects, ZGS invites you to Stand 2070, where its specialists will show you the road that will save you money and time and offer soil/floor protection and a high-temperature-resistant battery housing for lithium-ion systems. In the event of a failure, lithium-ion batteries can reach temperatures of more than 1000°C. This overheating can lead to fire. Secure casing of these high-performance batteries helps keep temperature under control and ensures safety for people and machines.